

Approved Products List
Retroreflective Sign Sheeting
June 2012 (see notes 1 and 2)

TYPE ASTM-I

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>MATERIALS SPEC.</u>	<u>LAB APPROVAL NUMBER</u>
Avery Dennison	T-15XX Series (See note 16)	715.9.2.1	1394149
Avery Dennison	T-16XX Series (See note 17)	715.9.2.1	1394150
Nippon Carbide	81XX Series (See note 15)	715.9.2.1	1394151

TYPE ASTM-III

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>MATERIALS SPEC.</u>	<u>LAB APPROVAL NUMBER</u>
3M	Scotchlite 38XX Series (See note 5)	715.9.2.3	1394152
3M	Scotchlite 381XI Series (See note 4)	715.9.2.6	1394154
3M	Scotchlite 3840 Series (See note 7)	715.9.2.6	1394155
3M	Scotchlite 31X Series (See note 11)	715.9.2.6	1394156
3M	Series 33X (See note 8)	715.9.2.6	1394157
3M	Scotchlite 393X Series (See note 3)	715.9.2.6	1392883
3M	Series 3300 (See note 6)	715.9.2.6	1394158
Nippon Carbide	ULG-II N8XX Series (See note 15)	715.9.2.3	1394159
Avery Dennison	W-6100 (See note 8)	715.9.2.6	1394160
Avery Dennison	T-65XX Series (See note 16)	715.9.2.3	1394161

TYPE ASTM-VI

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>MATERIALS SPEC.</u>	<u>LAB APPROVAL NUMBER</u>
3M	Scotchlite RS-24 Series (See note 9)	715.9.2.7	1394162
Reflexite	High Performance Series (See note 9)	715.9.2.7	1394163

TYPE ASTM-IX

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>MATERIALS SPEC.</u>	<u>LAB APPROVAL NUMBER</u>
Avery Dennison	W9514 (See note 10)	special provision	1394165
Avery Dennison	T-950X (See note 19)	special provision	1394166
Avery Dennison	T-9511 (See note 20)	special provision	1394167
Avery Dennison	T-9513 (See note 21)	special provision	1394168
Avery Dennison	W-11514 (See note 10)	special provision	1424105
3M	Scotchlite 3981 Series (NOTICE: See note 23)	special provision	1394169
3M	Scotchlite 3983 Series (See note 13)	special provision	1394170
3M	Scotchlite 399X Series (See note 14)	special provision	1394171
3M	Scotchlite 4084 Series (See note 18)	special provision	1394172
Nippon Carbide	Nikkalite CRG 95847 (See note 22)	special provision	1424104

TYPE ASTM-XI

<u>MANUFACTURER</u>	<u>PRODUCT</u>	<u>MATERIALS SPEC.</u>	<u>LAB APPROVAL NUMBER</u>
3M	409X Series (See note 14)	special provision	1395497
3M	4081 Series (See note 12)	special provision	1395498
3M	4083 Series (See note 13)	special provision	1395499
Avery Dennison	T-115XX (See note 19)	special provision	1424106
Avery Dennison	T-11511 (See note 20)	special provision	1424107
Avery Dennison	T-11513 (See note 21)	special provision	1424108

NOTES:

- 1 - Sheeting "Types" have been changed to match ASTM designations. For specifications, contracts, details, etc. referring to the old "Type" designations, refer to the following chart:

OLD "TYPE"	APPLICABLE NEW "TYPE"
I	ASTM-I
II	ASTM-III (aluminum substrate sheetings)
IV	ASTM-III (reboundable sheetings)
V	ASTM-VI (for roll-ups); ASTM-IX (for fluorescent orange on aluminum substrate)
VI	ASTM-IX

- 2 - Signs shall be manufactured using matched component ink, transparent electronic-cuttable film, and/or black overlay film recommended , approved, and supplied by the sheeting manufacturer providing warranty coverage.
- 3 - Various colored pressure sensitive sheetings for use with aluminum substrate signs. The inks, transparent electronic-cuttable films, and black overlay films recommended and supplied by the manufacturer are approved.
- 4 - Reboundable pressure sensitive sheeting for use with surface mounted tubular markers (white and yellow only), drums, and cones.
NOTE: THIS PRODUCT HAS BEEN DISCONTINUED BY THE MANUFACTURER AND WILL BE REMOVED FROM THE APL ON OR AFTER 11/1/2010
- 5 - Various colored pressure sensitive sheetings for use with aluminum substrate signs. Does not include 381X and 3840 Series sheetings. The inks, transparent electronic-cuttable films, and black overlay films recommended and supplied by the manufacturer are approved.
NOTE: THIS PRODUCT HAS BEEN DISCONTINUED BY THE MANUFACTURER AND WILL BE REMOVED FROM THE APL ON OR AFTER 11/1/2010
- 6 - Reboundable pressure sensitive sheeting for use with surface mounted tubular markers (white and yellow only), drums, and cones.
- 7 - Reboundable pressure sensitive sheeting for use with cones (white only).
NOTE: THIS PRODUCT HAS BEEN DISCONTINUED BY THE MANUFACTURER AND WILL BE REMOVED FROM THE APL ON OR AFTER 11/1/2010
- 8 - Pre-striped pressure sensitive sheeting for use with rigid plastic substrate barricades
- 9 - Fluorescent orange sheeting for use with roll-up signs. The inks recommended and supplied by the manufacturer are approved.
- 10 - Fluorescent orange pressure sensitive sheeting for use with aluminum substrate signs. The inks and black overlay films recommended and supplied by the manufacturer are approved with the following exception(s): The manufacturer's black opaque vinyl overlay film is not approved for use in the manufacturing of signing in the WVDOH Central Sign Shop.
- 11 - Pre-striped pressure sensitive sheeting for use with rigid plastic substrate barricades
NOTE: THIS PRODUCT HAS BEEN DISCONTINUED BY THE MANUFACTURER AND WILL BE REMOVED FROM THE APL ON OR AFTER 11/1/2010
- 12 - Fluorescent yellow pressure sensitive sheeting for use with soil anchored or guardrail mounted flexible delineators, B1 delineators, and aluminum substrate signs. The inks and black overlay films recommended and supplied by the manufacturer are approved.
- 13 - Fluorescent yellow-green pressure sensitive sheeting for use with aluminum substrate signs. The inks and black overlay films recommended and supplied by the manufacturer are approved.
- 14 - Various colored pressure sensitive sheetings for use with soil anchored or guardrail mounted flexible delineators (white or red only), B1 delineators (white or red only), and aluminum substrate signs. The inks, transparent electronic-cuttable films, and black overlay films recommended and supplied by the manufacturer are approved.
- 15 - Various colored pressure sensitive sheetings for use with aluminum substrate signs. Note, the transparent electronic cuttable (EC) films and black overlay films recommended and supplied by the manufacturer ARE NOT APPROVED. The inks recommended and supplied by the manufacturer are approved with the following exception(s): The manufacturer's inks are not approved for use in the manufacturing of signing in the WVDOH Central Sign Shop.
- 16 - Various colored pressure sensitive sheetings for use with aluminum substrate signs. The inks, transparent electronic-cuttable films, and black overlay films recommended and supplied by the manufacturer are approved with the following exception(s): The manufacturer's black opaque vinyl overlay film is not approved for use in the manufacturing of signing in the WVDOH Central Sign Shop.
- 17 - Various colored heat sensitive sheetings for use with aluminum substrate signs. The inks, transparent electronic-cuttable films, and black overlay films recommended and supplied by the manufacturer are approved with the following exception(s): The manufacturer's black opaque vinyl overlay film is not approved for use in the manufacturing of signing in the WVDOH Central Sign Shop.
- 18 - Fluorescent orange pressure sensitive sheeting for use with aluminum substrate signs. The inks and black overlay films recommended and supplied by the manufacturer are approved.
- 19 - Various colored pressure sensitive sheetings for use with soil anchored or guardrail mounted flexible delineators (white or red only), B1 delineators (white or red only), and aluminum substrate signs. Does not include fluorescent-yellow & fluorescent-yellow-green product numbers. The inks, transparent electronic-cuttable films, and black overlay films recommended and supplied by the manufacturer are approved with the following exception(s): The manufacturer's black opaque vinyl overlay film is not approved for use in the manufacturing of signing in the WVDOH Central Sign Shop.
- 20 - Fluorescent yellow pressure sensitive sheeting for use with soil anchored or guardrail mounted flexible delineators, B1 delineators, and aluminum substrate signs. The inks and black overlay films recommended and supplied by the manufacturer are approved with the following exception(s): The manufacturer's black opaque vinyl overlay film is not approved for use in the manufacturing of signing in the WVDOH Central Sign Shop.
- 21 - Fluorescent yellow-green pressure sensitive sheeting for use with aluminum substrate signs. The inks and black overlay films recommended and supplied by the manufacturer are approved with the following exception(s): The manufacturer's black opaque vinyl overlay film is not approved for use in the manufacturing of signing in the WVDOH Central Sign Shop.
- 22 - Fluorescent orange pressure sensitive sheeting for use with aluminum substrate signs. Note, the black overlay films recommended and supplied by the manufacturer ARE NOT APPROVED. The inks recommended and supplied by the manufacturer are approved with the following exception(s): The manufacturer's inks are not approved for use in the manufacturing of signing in the WVDOH Central Sign Shop.
- 23 - Fluorescent yellow pressure sensitive sheeting for use with soil anchored or guardrail mounted flexible delineators, B1 delineators, and aluminum substrate signs. The inks and black overlay films recommended and supplied by the manufacturer are approved.
NOTE: Approval of this material has been placed on "hold". No finished products utilizing this material are to be supplied on any projects advertised on or after the effective date of this APL, as indicated at the top of this sheet.